

CARL MOYER AIR STANDARDS ATTAINMENT PROGRAM
MARINE VESSEL REPOWER
PROJECT APPLICATION

MARINE VESSEL REPOWER APPLICATION

Please print clearly or type all information on this application and on all attachments. Fill out one application for each engine or piece of equipment. All information necessary for completing this application is available in 2008 Carl Moyer Program Guidelines. This document can be viewed at:

<http://www.arb.ca.gov/msprog/moyer/guidelines/current.htm>

Please note that additional information may be requested from the applicant in order to process this application.

Eligibility Criteria

To be eligible for funding, projects must meet the criteria described in the 2008 Carl Moyer Program Guidelines and all current Carl Moyer Program Advisories. These criteria include but are not limited to the following:

- Emission reductions obtained through Carl Moyer Program projects must not be required by any federal, state or local regulation, memorandum of agreement/understanding with a regulatory agency, settlement agreement, mitigation requirement, or other legal mandate.
- Projects must meet a cost-effectiveness of \$16,000 per weighed ton of NOx, ROG, and PM10 reduced calculated in accordance with the cost-effectiveness methodology in Appendix C of the 2008 Guidelines. All state funds plus any other funds under a district's budget authority or fiduciary control contributed toward a project must be included in the cost-effectiveness calculation.
- Projects must have a minimum project life of three years, except for engines subject to the Stationary Diesel In-Use Agricultural Engine Airborne Toxic Control Measure, which must have a minimum project life of one year.
- The maximum project life for a marine vessel repower project is 16 years. A longer project may receive case-by-case approval if applicants provide justifying documentation. The maximum project life does not consider regulatory requirements and may be shorter.
- No emission reductions generated by the Carl Moyer Program shall be used as marketable emission reduction credits, or to offset any emission reduction obligation of any person or entity.
- No project funded by the Carl Moyer Program shall be used for credit under any federal or state emission averaging banking and trading program.
- Funded projects must have at least 75 percent of their total activity for the project life in California's coastal waters.
- Emission reduction technologies must be certified/verified by the ARB for sale in California and must comply with durability and warranty requirements. For the purposes of the Carl Moyer Program, a technology granted a conditional certification/verification by ARB is considered certified/verified.

ARB has adopted two regulations that could impact funding opportunities for marine vessel projects -- the Harbor Craft Diesel Engine Regulation (Harbor Craft Regulation) and the Regulation to Reduce Emissions from Diesel Auxiliary Engines on Oceangoing Vessels While At-Berth (Shore Power Regulation). The first step in evaluating Carl Moyer Program eligibility is determining whether a project is subject to one of these rules:

Summary of Marine Vessel Funding Opportunities

Project Type	Subject to ARB Rule	Moyer Funding Opportunities
Excursion vessels, ferries, tug boats, tow boat engine repower	Harbor Craft Regulation	Funding opportunities through dates listed in Tables 9-3 and 9-4 in Chapter 9 of the Carl Moyer Program Guidelines.
Fishing vessel, pilot/work boat, crew/supply boat engine repower	No	Not limited by regulation.
Shore power transformer*	Shore Power Regulation	Funding opportunities until 1/1/11.
Shore power – vessel retrofit	No	Not limited by regulation.

** Shore power transformers at cargo vessel berths may be ineligible for Carl Moyer Program funding due to availability of Goods Movement Emission Reduction Bond funds. See Chapter 9, Section IV(C) of the Carl Moyer Program Guidelines for more information.*

Additional criteria may be found in the 2008 Carl Moyer Program Guidelines, Chapter 2 and Chapter 9, Section IV.

A. APPLICANT INFORMATION

1. Company name/ Organization name/ Individual name:	
2. Business type:	
3. Contact name and title:	
4. Business mailing address and contact information:	
a. Street:	b. City/State/Zip:
c. Phone: () Ext:	d. Fax: ()
e. E-mail:	
5. Person with contract signing authority (if different from above):	
6. How many vehicles/engines/retrofits are being applied for?	
7. Total funding amount requested in this application:	

B. FUNDING DISCLOSURE

1. Have any engines or vehicles listed in this application applied for or have been awarded Carl Moyer Program funding or other grants? <input type="checkbox"/> Yes <input type="checkbox"/> No
2. If "yes", complete the following for each engine or vehicle:
a. Agency applied to:
b. Date/Number of Agency Solicitation:
c. Funding Amount Requested:
d. Baseline Engine Serial Number:
e. Status of Application:

I hereby certify that all information provided in this application and any attachments are true and correct.

Printed name of responsible party:	Title:
Signature of responsible party:	Date:

Third Party Certification

I have completed the application, in whole or in part, on behalf of the applicant.

Printed name of third party:	Title:
Signature of third party:	Date:
Amount paid to third party:	Source of funding to third party:

For each engine or vehicle, please complete sections C, D, E, F, G, and H (as appropriate). Please include project cost documentation including vendor quotes and other substantiating data to support cost estimates provided in this application.

C. PROJECT DESCRIPTION (required)

1. Project Name:	
2. Vessel name:	
3. US Coast Guard documentation number or IMO/Lloyds number (if foreign flagged):	
4. Vessel berth location:	
5. Project Life (3-15 years):	
6. The existing marine vessel is used for (see Table 1-1 and check one):	
<input type="checkbox"/> commercial fishing <input type="checkbox"/> charter fishing <input type="checkbox"/> crew and supply <input type="checkbox"/> ferry/excursion <input type="checkbox"/> pilot	<input type="checkbox"/> tow <input type="checkbox"/> tug <input type="checkbox"/> work <input type="checkbox"/> other: _____
7. Estimated total annual nautical miles traveled in California coastal water boundary:	
8. Percent Operation in California Waters:	9. Percent Operation in District Waters:
10. Does this vessel remain within the port (yes/no)?	
11. Estimated total annual hours of operation in California coastal waters:	12. California ports called on and estimated annual operating hours in each:
13. Will the new engine have a functioning hour meter for the life of the project?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	

D. Electronic Monitoring Unit (EMU)

1. Will a new eligible EMU be installed as part of this project? <input type="checkbox"/> Yes <input type="checkbox"/> No	
2. If "yes", complete the following for each engine or vehicle:	
a. EMU Make:	
b. EMU Model:	
c. EMU Year:	
d. EMU ID Number:	
e. EMU Cost:	

E. MARINE VESSEL REPOWER

1. Number of propulsion engines to be repowered:	
2. Number of auxiliary engines to be repowered:	
3. Vessel make:	4. Vessel model:
5. Vessel year:	
6. Does the project vessel utilize a wet exhaust system? <input type="checkbox"/> YES <input type="checkbox"/> NO	

**F. ENGINE INFORMATION – NEEDED FOR EACH PROJECT ENGINE
(PROPULSION OR AUXILIARY)**

1. Baseline engine make:		2. Baseline engine model:	
3. Baseline engine year:		4. Baseline engine serial number:	
5. Baseline engine horsepower:		6. Baseline engine Tier (uncontrolled, Tier 1, or Tier 2):	
7. Will the vessel engine have a functioning hour meter for the full project life? (Yes/No):			
8. Engine annual hours of operation:			
9. Reduced emission engine make:	10. Reduced emission engine model:	11. Reduced emission engine year:	
12. Reduced emission engine serial number (if available):			
13. Reduced emission engine horsepower:		14. Reduced emission engine Tier:	
15. Reduced engine fuel (diesel only):			

**G. COST INFORMATION – NEEDED FOR EACH PROJECT ENGINE
(PROPULSION and/or AUXILIARY)**

1. New engine purchase price:
2. New engine installation cost:
3. New engine vendor (optional):
4. New engine installer (optional):

H. FUNDING AMOUNT REQUEST

1. Total Amount Requested for this Piece of Equipment: <input type="checkbox"/> Maximum allowable <input type="checkbox"/> Other: \$_____
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